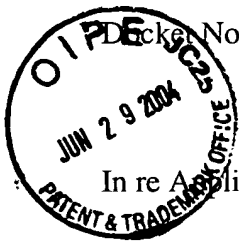


SPW



Document No.: 55071-311

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Stephen D. HSU, et al.

Serial No.: 10/705,231

Filed: November 12, 2003

For: METHOD AND APPARATUS FOR PERFORMING MODEL-BASED LAYOUT  
CONVERSION FOR USE WITH DIPOLE ILLUMINATION

: Customer Number: 20277

: Confirmation Number: 3609

: Group Art Unit: 1756

: Examiner: To be Assigned

**REQUEST FOR CORRECTED FILING RECEIPT**

Mail Stop OFR  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

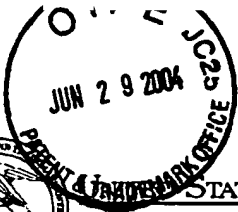
Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the Assignee information was omitted. Attached is a copy of the Assignment document, which evidences that the Assignee information should read: **ASML MASKTOOLS B.V.** It is requested that a corrected filing receipt be issued.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

  
Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:mcw  
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**Date: June 29, 2004**



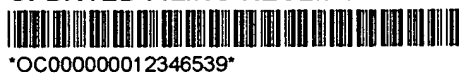
## UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/705,231	11/12/2003	1756	1058	55071-311	12	24	4

MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096

CONFIRMATION NO. 3609  
UPDATED FILING RECEIPT



\*OC000000012346539\*

Date Mailed: 04/13/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Duan-Fu Stephen Hsu, Freemont, CA;  
Kurt E. Wampler, Sunnyvale, CA;  
Markus Franciscus Antonius Eurlings, Tilburg, NETHERLANDS;  
Jang Fung Chen, Cupertino, CA;  
Noel Corcoran, San Jose, CA;

**RECEIVED**

APR 15 2004

MCDERMOTT, WILL & EMERY

*Assignee:* ASML MASKTOOLS B.V.

**Domestic Priority data as claimed by applicant**

This appln claims benefit of 60/425,323 11/12/2002

**Foreign Applications**

If Required, Foreign Filing License Granted: 02/10/2004

Projected Publication Date: 07/22/2004

Non-Publication Request: No

Early Publication Request: No

**Title**

Method and apparatus for performing model-based layout conversion for use with dipole illumination

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**NOT GRANTED**

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**ASSIGNMENT**

WHEREAS, Duan-Fu Stephen HSU, Kurt E. Wampler, Markus Franciscus Antonius EURLINGS, Jang Fung CHEN and Noel CORCORAN, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled METHOD AND APPARATUS FOR PERFORMING MODEL-BASED LAYOUT CONVERSION FOR USE WITH DIPOLE ILLUMINATION, for which they have:

- (a) filed an application for United States Letters Patent on November 12, 2003 as (Serial No. 10/705,231); or
- (b) executed an application for United States Letters Patent on \_\_\_\_; and

WHEREAS, ASML MASKTOOLS B.V., a corporation organized and existing under the laws of the The Netherlands, having a place of business at P.O. Box 324, 5500 AH Veldhoven, The Netherlands, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hand.

March 3, 2004  
Date  
March 5, 2004  
Date  
March 5, 2004  
Date  
March 8, 2004  
Date  
18 March 2004  
Date  
\_\_\_\_\_  
Date

Kurt E. Thapler  
Inventor  
[Signature]  
Inventor  
Noel Loren  
Inventor  
[Signature]  
Inventor  
[Signature]  
Inventor  
\_\_\_\_\_